

Title (en)

Drive arrangement for corn head equipped with or without a corn stalk chopper

Title (de)

Antriebsanordnung für Maisvorsatz, der mit oder ohne Maisstängelhäcksler ausgestattet ist

Title (fr)

Dispositif d'entraînement pour tête de récolte équipée ou non d'un dispositif de coupe de tiges de maïs

Publication

EP 2422609 B1 20130306 (EN)

Application

EP 11174998 A 20110722

Priority

US 87024310 A 20100827

Abstract (en)

[origin: US7937918B1] A plurality of corn head row units are mounted in side-by-side relationship to each other, with each row unit including a first gear case containing a gear train coupled for driving two forwardly projecting stalk roll drive shafts and two gathering chain drive shafts supported by the gear case. Located beside the first gear case is a second gear case containing a second gear train coupled driving a stalk chopper drive shaft supported by, and projecting downwardly from, the second gear case. A main power shaft extends through a rear region of the first and second gear cases and carries a dual direction slip clutch providing overload protection for the first and second gear cases. When a stalk chopper is not used, the slip clutch is arranged for establishing overload protection for an adjacent second row unit gear case.

IPC 8 full level

A01D 34/835 (2006.01); **A01D 43/08** (2006.01)

CPC (source: EP US)

A01D 34/8355 (2013.01 - EP US); **A01D 43/08** (2013.01 - EP US)

Designated contracting state (EPC)

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